

# Converting Colors

YUV(141.0730, -6.9380,  
78.8660)

Have a look what the booklet for  
YUV(141.0730, -6.9380, 78.8660)  
contains.

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# Color

**YUV(141.0730, -6.9380,  
78.8660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7627F
RGB	231, 98, 127
RGB Percent	91%, 38%, 50%
CMY	0.0941, 0.6157, 0.5020
CMYK	0.00, 0.58, 0.45, 0.09
HSL	347°, 73%, 65%
HSV	347°, 58%, 91%
XYZ	41.1534, 27.2566, 23.1707
YIQ	141.0730, 69.9590, 37.2150

# Conversions

## Conversions Part 2

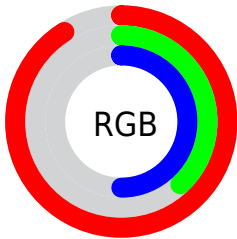
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 98, 127
Decimal	15164031
CIE Lab	59.21, 54.08, 10.27
CIE LCh	59, 55.043, 10.753
Yxy	27.2566, 0.4494, 0.2976
Android (android.graphics.Color)	4293354111 (0xFFE7627F)
YUV	141.0730, -6.9380, 78.8660
Hunter-Lab	52.2078, 49.3410, 10.2316

# Details

The YUV color **141.0730, -6.9380, 78.8660** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **187.9270, 6.9380, -78.8660**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5760, -3.2420, 60.0078**, and **84.0880, -3.0014, 76.2218** is the 20% darker color. If you saturate the color by 10%, you get **125.5200, -8.1444, 92.5060**, and if you desaturate by 10%, it is **156.6260, -5.7316, 65.2260**.

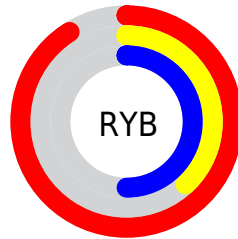
# Distribution



Red (91%)

Green (38%)

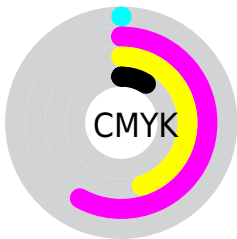
Blue (50%)



Red (91%)

Yellow (38%)

Blue (50%)

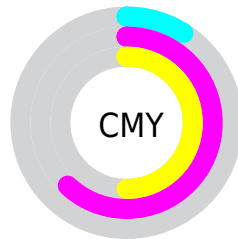


Cyan (0%)

Magenta (58%)

Yellow (45%)

Black (9%)



Cyan (9%)

Magenta (62%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.0730, -6.9380, 78.8660 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 141.0730, -6.9380, 78.8660 by changing the saturation by 10% instead.





 141.0730, -6.9380,  
78.8660


 141.0730, -6.9380,  
78.8660

255.0000, 0.0000,  
0.0000

 112.8170, -5.3328,  
77.3365


 186.5760, -3.2420,  
60.0078


 84.0880, -3.0014,  
76.2218


 206.0900, 0.4486,  
42.8941

 48.5430, 3.6763,  
81.0848

 226.3050, 4.2866,  
25.1655

 37.4780, -1.2217,  
65.3558

 245.6080, 4.6303,  
8.2368

 26.5980, -6.7038,  
50.3416

 17.5700, -7.6760,  
35.4571

 5.3820, -2.6533,

11.0660

■ 0.0000, 0.0000,  
0.0000

■ 141.0730, -6.9380,  
78.8660

■ 141.0730, -6.9380,  
78.8660

■ 125.5200, -8.1444,  
92.5060

■ 156.6260, -5.7316,  
65.2260

■ 109.9670, -9.3507,  
106.1459

■ 172.1790, -4.5252,  
51.5860

■ 94.4140, -10.5571,  
119.7859

■ 187.7320, -3.3189,  
37.9460

■ 78.8610, -11.7635,  
133.4259

■ 203.2850, -2.1125,  
24.3061

■ 74.7690, -12.2111,  
137.0146

■ 219.4250, -1.1955,  
10.1513

■ 234.9780, 0.0108,  
-3.4887

■ 247.5960, 2.6642,  
-14.5547

■ 247.8240, 3.5378,  
-14.7546

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.0980, 15.2347, 60.4271



141.0730, -6.9380, 78.8660



140.2960, -28.7399, 71.6544

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



141.0730, -6.9380, 78.8660



129.1700, -31.6358, -26.4591



118.1340, 56.6289, -103.6035

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



141.0730, -6.9380, 78.8660



187.9270, 6.9380, -78.8660

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.6380, 42.0835, -104.9225



141.0730, -6.9380, 78.8660



108.6940, 0.1509, -95.3246

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



141.0730, -6.9380, 78.8660



135.4820, -48.0586, 14.4863



115.5680, 21.4120, -101.3531



134.7050, 50.9244, -47.0993



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



141.0730, -6.9380, 78.8660



139.4070, -40.6267, 57.5251



115.5680, 21.4120, -101.3531



119.6840, 52.4138, -104.9629

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



141.0730, -6.9380, 78.8660



225.8830, -2.4073, 25.5356



143.6600, 43.0586, 49.4102



110.4580, -1.2118, 15.3843



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.0730, -6.9380, 78.8660



135.9560, -9.3453, 104.4016



158.3120, -29.7338, 63.7474



106.9300, -0.4585, 7.0774



57.9670, -9.3507, 106.1459



16.5030, -2.7130, 30.2539



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



141.0730, -6.9380, 78.8660



135.9560, -9.3453, 104.4016



170.6880, 29.7338, -63.7474



106.9300, -0.4585, 7.0774



57.9670, -9.3507, 106.1459



16.5030, -2.7130, 30.2539



# Previews

## White Background



This preview shows how the YUV color 141.0730, -6.9380, 78.8660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

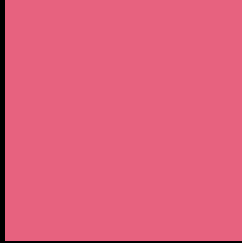
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 141.0730, -6.9380, 78.8660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

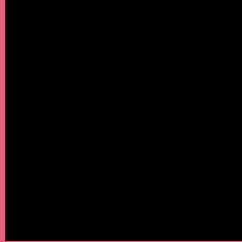
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 141.0730, -6.9380, 78.8660

## Background



This preview shows how black text looks on a background with the YUV color 141.0730, -6.9380, 78.8660.



This preview shows how white text looks on a background with the YUV color 141.0730, -6.9380,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

141.0730, -6.9380, 78.8660

### Protanopia

143.3250, 3.7838, -0.2850

### Deuteranopia

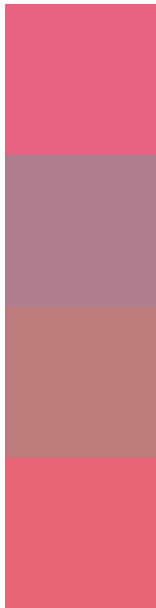
144.1350, -11.4056, 18.2986



## Tritanopia

140.3690, -15.9579, 78.6064

# Trichromacy



## Original Color

141.0730, -6.9380, 78.8660

## Protanomaly

142.4750, -0.2342, 28.5244

## Deuteranomaly

142.7340, -9.7289, 40.5753

## Tritanomaly

140.5800, -12.6109, 78.4213

# Monochromacy



## Original Color

141.0730, -6.9380, 78.8660

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

140.9050, -2.4182, 29.0243

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.0730, -6.9380, 78.8660 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 98, 127)` looks like.

```
.text, #text, p{  
    color:rgb(231, 98, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 98, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 98, 127) }
```

## Border

The CSS property to change the border of an element to YUV 141.0730, -6.9380, 78.8660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 98, 127) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 98, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 98, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 98, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 98, 127);  
box-shadow:4px 4px 4px 4px rgb(231, 98,  
127) }
```

# Background

The CSS property to change the background color of an element to YUV 141.0730, -6.9380, 78.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 98, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231, 98,  
127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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